

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---------------------------|------------------|---------|---------------------|
| S1 | 386 | "injection port" with cap | US-PGPUB; USPAT | ADJ | ON | 2008/03/17 12:52 |
| S2 | 0 | "injection port".ti. with cap | US-PGPUB; USPAT | ADJ | ON | 2008/03/17 12:59 |
| S3 | 3 | (("5520661") or ("5961497") or ("20020193752")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 13:00 |
| S5 | 1 | ("5466219").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/17 13:02 |
| S4 | 2 | S3 and septum | US-PGPUB; USPAT | ADJ | ON | 2008/03/17 13:02 |
| S6 | 14 | "injection port" with cap with septum | US-PGPUB; USPAT | ADJ | ON | 2008/03/17 13:04 |
| S7 | 362 | "injection port" with septum | US-PGPUB; USPAT | ADJ | ON | 2008/03/17 13:05 |
| S8 | 11 | "injection port" with (septum with slit) | US-PGPUB; USPAT | ADJ | ON | 2008/03/17 13:12 |
| S9 | 298 | ((("20010007641") or ("20010012930") or ("20010039403") or ("20010047154") or ("20010049503") or ("20010056266") or ("20020045892") or ("20020091378") or ("20020094305") or ("20020095121") or ("20020095138") or ("20020111645") or ("20020130100") or ("20020131904") or ("20020132367") or ("20020133124") or ("20020133136") or ("20020156469") or ("20020166394") or ("20020169489") or ("20020170556") or ("20020173769") or ("20030014095") or ("20030036742") or ("20030098430") or ("20030125721") or ("20030153865") or ("20030199835") or ("20040002684") or ("20040017981") or | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 08:36 |

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| S10 | 1 | ("6468251").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 08:50 |

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| S12 | 16 | ("3387609" "4197848" "4289129" "4378015" "4578063" "4752292" "4776843" "4874369" "4950260" "4976925" "5135489" "5199948" "5342316").PN. OR ("5961497").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/05 08:52 |
| S11 | 1 | ("5961497").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 08:52 |
| S13 | 853 | 604/246.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 08:54 |
| S16 | 692 | 604/533.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 08:55 |
| S15 | 784 | 604/256.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 08:55 |
| S14 | 289 | 604/248.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 08:55 |
| S18 | 1469 | 604/523.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 08:56 |
| S17 | 236 | 604/537.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 08:56 |
| S21 | 249 | 251/149.5.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 09:00 |
| S20 | 208 | 251/149.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 09:00 |
| S23 | 199 | 604/88.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 09:02 |
| S22 | 185 | 604/86.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 09:02 |
| S24 | 265 | 604/201.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 09:03 |
| S25 | 26 | fluid same "circulating plate" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/05 09:08 |
| S26 | 484 | 251/149.1.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 09:11 |
| S27 | 18 | ("3323774" "4300250" "4428397" "4544130" "4738665" "4769012" "4802506").PN. OR ("5045068").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/05 10:08 |
| S28 | 8 | valve same "circulating plate" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/05 10:14 |

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|-----|-------|--|---------------------------|-----|-----|---------------------|
| S30 | 87 | S29 and circulating | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 10:15 |
| S29 | 5289 | S15 or S16 or S17 or S18 or S20 or S21 or S22 or S23 or S24 or S13 or S26 or S14 | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 10:15 |
| S31 | 89730 | (valve or port) and circulating | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 10:27 |
| S33 | 4823 | S31 and ("604".clas. or "251".clas. or "137".clas. or "222".clas.) | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 10:30 |
| S34 | 416 | 604/249.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 14:19 |
| S35 | 70 | ("4324239" "4429856" "4842591" "5163922" "5215538" "5242393" "5242423" "5353837" "5360413" "5395348"). PN. OR ("5573516"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/05 14:47 |
| S36 | 1 | ("5193749").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 15:18 |
| S37 | 1 | ("7322969").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 15:20 |
| S38 | 1 | ("4263940").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 15:29 |
| S40 | 1 | ("5355906").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 16:03 |
| S41 | 1 | ("4274407").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 16:09 |
| S42 | 1 | ("6699225").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/05 16:35 |
| S44 | 784 | 604/256.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 16:37 |
| S43 | 749 | 604/93.01.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 16:37 |
| S45 | 16 | ("4981140" "5135489" "5178607" "5199948" "5203775" "5279571" "5306265" "5324256" "5417673" "5531672" "5603706" "5989216" "6213973" "6468251"). PN. OR ("6699225"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/05 16:41 |
| S46 | 185 | 604/86.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/05 16:54 |

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| S47 | 3726 | stagna\$4 with (port or valve) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/06 07:29 |
| S48 | 1 | wo-03086528-\$ did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/06 07:33 |
| S49 | 1 | ("5954691").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/06 07:39 |
| S50 | 14 | stagna\$4 with (port or valve) with turbine | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/06 07:42 |
| S51 | 44 | stagna\$4 with (port or valve) same turbine | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/06 07:43 |
| S52 | 3 | (("3525357") or ("5624395")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/06 07:55 |
| S53 | 14 | ("3525357").URPN. | USPAT | ADJ | ON | 2008/06/06 08:07 |
| S55 | 1 | ("5961497").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/06 08:23 |
| S54 | 1 | ("5520661").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/06 08:23 |
| S56 | 1 | ("4197848").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/06 10:17 |
| S57 | 1 | ("6595964").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/06 10:37 |
| S58 | 1 | ("4601703").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/06 10:44 |
| S59 | 1 | ("3880401").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/06 11:17 |
| S60 | 1 | ("5817069").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/06 11:52 |
| S61 | 1 | ("4141379").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/06 11:55 |

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| S62 | 70 | (US-20030153865-\$ or US-20070088293-\$ or US-20060155248-\$ or US-20060129109-\$ or US-20050165365-\$ or US-20080132877-\$ or US-20080097407-\$ or US-20070233046-\$ or US-20080086097-\$ or US-20050171510-\$).did. or (US-5961497-\$ or US-6045539-\$ or US-6158458-\$ or US-5954313-\$ or US-4815477-\$ or US-6569125-\$ or US-6261266-\$ or US-6193697-\$ or US-5899888-\$ or US-6217568-\$ or US-6468251-\$ or US-4197848-\$ or US-5199948-\$ or US-4141379-\$ or US-4143853-\$ or US-5222948-\$ or US-6595964-\$ or US-5449350-\$ or US-5453097-\$ or US-6171287-\$ or US-5817069-\$ or US-3880401-\$ or US-5045068-\$ or US-4769012-\$ or US-5554124-\$ or US-5234412-\$).did. or (US-4266614-\$ or US-4673393-\$ or US-4610665-\$ or US-6640805-\$ or US-5509433-\$ or US-7100890-\$ or US-5967490-\$ or US-5833213-\$ or US-4387879-\$ or US-7296782-\$ or US-5749861-\$ or US-5573516-\$ or US-6871838-\$ or US-5569235-\$ or US-4915687-\$ or US-5584808-\$ or US-5193749-\$ or US-4274407-\$ or US-6699225-\$ or US-7163114-\$ or US-6918500-\$ or US-5279571-\$ or US-5203775-\$ or US-5603706-\$ or US-6827709-\$ or US-4786281-\$ or US-4585435-\$).did. or (US-5501676-\$ or US-5653698-\$ or US-5242393-\$ or US-4601703-\$ or US-3525357-\$ or US-5624395-\$ or US-4426062-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2008/06/12 16:27 |
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| S63 | 41 | ("3682315" "3900028" "4187149" "4219912" "4289129" "4307766"). PN. OR ("4601703"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/12 17:30 |
| S65 | 1 | ("3880401").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/30 07:47 |
| S64 | 1 | ("4601703").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/30 07:47 |
| S66 | 1 | ("4141379").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/30 07:50 |
| S68 | 5238 | (valve or port) and ((swirl or swirling or swirled) with (fluid or liquid)) | US-PGPUB; USPAT | ADJ | ON | 2008/12/30 07:55 |
| S67 | 56794 | (valve or port) and ((circulating or circulate or circulated or swirl or swirling or swirled) with (fluid or liquid)) | US-PGPUB; USPAT | ADJ | ON | 2008/12/30 07:55 |
| S69 | 11 | ("20020193752" "20050171510" "3880401" "4141379" "4197848" "4601703" "5520661" "5817069" "5961497" "5957898" "6595964").PN. | US-PGPUB; USPAT | ADJ | ON | 2008/12/30 07:59 |
| S70 | 259 | (valve or port) and ((swirl or swirling or swirled) with (fluid or liquid)) and (stagnate or stagnating or stagnation or stagnated) | US-PGPUB; USPAT | ADJ | ON | 2008/12/30 08:04 |
| S71 | 21706 | (valve or port) same ((circulating or circulate or circulated or swirl or swirling or swirled) with (fluid or liquid)) | US-PGPUB; USPAT | ADJ | ON | 2008/12/30 08:05 |
| S72 | 490 | S71 and (stagnate or stagnating or stagnation or stagnated) | US-PGPUB; USPAT | ADJ | ON | 2008/12/30 08:06 |
| S73 | 13 | ("3413995" "3515158" "3563260" "3592213"). PN. OR ("3712321"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/30 08:16 |
| S74 | 83 | 137/808.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/12/30 08:18 |
| S75 | 87 | 137/812.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/12/30 08:19 |
| S78 | 81 | S75 not S74 | US-PGPUB; USPAT | ADJ | ON | 2008/12/30 08:44 |

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| S79 | 275 | S71 and septum | US-PGPUB; USPAT | ADJ | ON | 2008/12/30 08:58 |
| S81 | 298 | ("20010007641") or ("20010012930") or ("20010039403") or ("20010047154") or ("20010049503") or ("20010056266") or ("20020045892") or ("20020091378") or ("20020094305") or ("20020095121") or ("20020095138") or ("20020111645") or ("20020130100") or ("20020131904") or ("20020132367") or ("20020133124") or ("20020133136") or ("20020156469") or ("20020166394") or ("20020169489") or ("20020170556") or ("20020173769") or ("20030014095") or ("20030036742") or ("20030098430") or ("20030125721") or ("3841160") or ("3877310") or ("4012325") or ("4084718") or ("4274285") or ("4413534") or ("4455504") or ("4485268") or ("4511355") or ("4546659") or ("4559043") or ("4569675") or ("4592745") or ("4620170") or ("4621534") or ("4755173") or ("4760847") or ("4762981") or ("4769008") or ("4772273") or ("4775635") or ("4776841") or ("4778448") or ("4780213") or ("4790829") or ("4802885") or ("4806313") or ("4810389") or | OR | OFF | 2008/12/30 09:04 | |

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("6164771") or
("6171261") or
("6178832") or

("6190616") or
("6193684") or
("6193697") or
("6206851") or
("6213996") or
("6213996") or
("6217568") or
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("6921395") or
("6959615") or
("6962577") or
("6979323") or
("7001378") or
("7008051") or
("7041218") or
("7056316") or
("7063673") or

| | | | | | | |
|-----|----|---|---------------------------|-----|----|---------------------|
| | | ("7070589") or ("7087437") or ("7097632") or ("7104520") or ("7125396") or ("7127957") or ("7140592") or ("7153477") or ("7184825") or ("7198611") or ("7214215") or ("7232428") or ("7264394") or ("7288089") or ("7291144").PN. or (("7306199") or ("7331705") or ("7367968") or ("7387216") or ("7449018") or ("7468164") or ("7470257")).PN. | | | | |
| S82 | 96 | ("2106638" "3192949" "3326521" "3799132" "3799171" "3806086" "3831629" "4103686" "4128098" "4349021" "4375825" "4559043" "4617015" "4681132" "4683916" "4723550" "4776369" "4781674" "4908018" "4915687" "4934655" "5024657" "5060812" "5085645" "5104093" "5108380" "5116021" "5149054" "5163922" "5181913" "5181921" "5195967" "5199947" "5201725" "5203775" "5215538" "5217434" "5230706" "5242393" "5242423" "5242432" "5250028" "5250034" "5251873" "5259839" "5269771" "5280876" "5284475" "5289849" "5290263" "5300033" "5300044" "5308334" "5322518" "5330435" "5334170" "5336174" "5336192" "5338313" "5353837" "5356375" "5360413" "5364371" "5370624" "5390898" "5391150" "5395348" "5399171" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/30 09:09 |

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|-----|------|--|---------------------------|-----|-----|---------------------|
| | | <p>"5401255" "5405323" "5425465" "5429256" "5433330" "5464938" "5470319" "5533983" "5535771" "5535785" "5573525" "5578059" "5618268" "5645538" "5685866" "5782816" "5788215" "5833213"). PN. OR ("6158458"). URPN.</p> | | | | |
| S83 | 34 | <p>("2646059" "3037522" "3085591" "3403696" "3648728" "3768508" "4550749" "4560375" "4609006" "4636194" "4675003"). PN. OR ("4781674"). URPN.</p> | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/30 09:23 |
| S84 | 5567 | (valve or port) and plate and septum | US-PGPUB; USPAT | ADJ | ON | 2008/12/30 09:38 |
| S86 | 180 | (valve or port) same plate same septum same (fluid or liquid) | US-PGPUB; USPAT | ADJ | ON | 2008/12/30 09:39 |
| S85 | 404 | (valve or port) same plate same septum | US-PGPUB; USPAT | ADJ | ON | 2008/12/30 09:39 |
| S87 | 1 | ("6468251"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/30 10:14 |
| S88 | 740 | 604/905.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/12/30 10:16 |
| S97 | 1 | ("5961497"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/30 10:59 |
| L1 | 1 | ("4197848"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/30 12:35 |

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